

- ☐ Conditional Waiver 1 - Discharges from on-site disposal systems
- ☒ Conditional Waiver 2 - "Low threat" discharges to land
- ☐ Conditional Waiver 3 - Discharges from animal operations
- NA** Conditional Waiver 4 - Discharges from agricultural and nursery operations*
- ☐ Conditional Waiver 5 - Discharges from silvicultural operations
- ☐ Conditional Waiver 6 - Discharges of dredged or fill materials nearby or within surface waters
- ☐ Conditional Waiver 7 - Discharges of recycled water to land
- ☐ Conditional Waiver 8 - Discharges/disposal of solid wastes to land
- ☐ Conditional Waiver 9 - Discharges/disposal of slurries to land
- ☐ Conditional Waiver 10 - Discharges of emergency/ disaster related wastes
- ☐ Conditional Waiver 11 - Aerially discharged wastes

* Submit waiver-specific Notice of Intent. Contact Regional Board or see Regional Board website to obtain appropriate Notice of Intent form.

V. DESCRIPTION OF DISCHARGE

Describe the discharge (i.e., source(s) of discharge, pollutants of concern, period and frequency, etc.). Use additional pages as needed. Provide a map of the property/facility if necessary.

Groundwater from a deep fractured rock aquifer during well testing activities of Well B. No pollutants of concern are anticipated during well testing activities. The period of well testing is anticipated to occur over four days

VI. DESCRIPTION OF MANAGEMENT MEASURES AND BEST MANAGEMENT PRACTICES

Describe what management measures (MMs) and best management practices (BMPS) will be implemented to minimize or eliminate the discharge of pollutants to waters of the state. Use additional pages as needed. Provide a map of the property/facility showing locations of MMs/BMPs if necessary.

Pollutants are not anticipated to be encountered during well testing since the well is located in a remote, rural environment. All water discharged during the well testing will be dispersed via rain bird sprinklers or discharged to the stock pond located on APN 65913001 per the approval of the property owner.

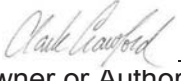
VII. ADDITIONAL INFORMATION

Please provide additional information, as needed or required, about the discharge and/or how the discharger intends to comply with the waiver conditions of the conditional waiver. Use additional pages as needed.

See attached letter and figures.

VIII. CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

 _____ Signature (Owner or Authorized Representative)	<u>9-4-2012</u> _____ Date
<u>Clark Crawford</u> _____ Print Name	<u>Attorney-in-fact</u> <u>Tierra del Sol Solar Farm LLC.</u> _____ Title
<u>619.733.2649</u> _____ Telephone Number	<u>Clark.Crawford@soitec.com</u> _____ Email

APPENDIX F

Laboratory Analytical Report

EnviroMatrix



Analytical, Inc.

12 November 2012

Dudek & Associates, Inc.

EMA Log #: 12J0701

Attn: Trey Driscoll

605 Third Street

Encinitas, CA 92024

Project Name: 7123 Well B/7123

Enclosed are the results of analyses for samples received by the laboratory on 10/24/12 12:52. Samples were analyzed pursuant to client request utilizing EPA or other ELAP approved methodologies. I certify that this data is in compliance both technically and for completeness.

A handwritten signature in black ink, appearing to read 'Dan Verdon', is written over a faint, light-colored grid background.

Dan Verdon

Laboratory Director

CA ELAP Certification #: 2564

4340 Viewridge Avenue, Suite A - San Diego, California 92123 - (858) 560-7717 - Fax (858) 560-7763
Analytical Chemistry Laboratory

Client Name: Dudek & Associates, Inc.
Project Name: 7123 Well B/7123

EMA Log #: 12J0701

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Well B	12J0701-01	Drinking Water	10/24/12 11:00	10/24/12 12:52

NOTE: The THMs by EPA 524.2, metals by 200.8, Gross Alpha, and Uranium analyses were performed by a sub-contract laboratory, results to follow in a separate report.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

EnviroMatrix



Analytical, Inc.

Client Name: Dudek & Associates, Inc.
Project Name: 7123 Well B/7123

EMA Log #: 12J0701

Total Metals by EPA 200 Series Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Well B (12J0701-01) Drinking Water Sampled: 10/24/12 11:00 Received: 10/24/12 12:52									
Calcium	39.5	0.50	mg/l	1	2110751	11/07/12	11/08/12	EPA 200.7	
Mercury	ND	0.0001	"	"	2102817	10/28/12	10/28/12	EPA 245.1	
Potassium	1.77	1.00	"	"	2110751	11/07/12	11/08/12	EPA 200.7	
Magnesium	5.54	0.500	"	"	"	"	11/08/12	"	
Sodium	53.6	0.50	"	"	"	"	11/08/12	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

EnviroMatrix



Analytical, Inc.

Client Name: Dudek & Associates, Inc.
Project Name: 7123 Well B/7123

EMA Log #: 12J0701

Conventional Chemistry Parameters by Standard/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Well B (12J0701-01) Drinking Water Sampled: 10/24/12 11:00 Received: 10/24/12 12:52									
Bicarbonate Alkalinity	133	5	mg CaCO ₃ /L	1	2110221	11/02/12	11/02/12	SM2320B	
Carbonate Alkalinity	ND	5	"	"	"	"	"	"	
Hydroxide Alkalinity	ND	5	"	"	"	"	"	"	
Total Alkalinity	133	5	"	"	"	"	"	"	
Chloride	60.0	0.05	mg/l	"	2110217	11/02/12	11/02/12	SM4500 Cl C	
Color	5	1	Color Units	"	2102624	10/26/12	10/26/12	SM2120 B	
Specific Conductance (EC)	485	1.00	umhos/cm	"	2110131	11/01/12	11/01/12	SM2510 B	
Fluoride	0.226	0.100	mg/l	"	2110216	11/02/12	11/02/12	SM4500 F C	
Hardness (Total)	121	10	mg CaCO ₃ /L	"	2110751	11/07/12	11/08/12	EPA 200.7	
Nitrate as N	1.68	0.50	mg/l	10	2102939	10/29/12	10/29/12	SM4500 NO ₃ E	W-02
Nitrite as N	ND	0.05	"	1	2102354	10/24/12	10/24/12	SM4500 NO ₂ B	
Threshold Odor Number	ND	1.0	T.O.N.	"	2102625	10/26/12	10/26/12	SM2150 B	
pH	7.68	0.10	pH Units	"	2102531	10/24/12	10/24/12	SM4500-H+ B	HT-15
Total Dissolved Solids	277	20.0	mg/l	"	2103159	10/31/12	11/01/12	SM2540 C	
Sulfate as SO₄	7.7	5.0	"	"	2110218	11/02/12	11/02/12	SM4500 SO ₄ E	
Turbidity	1.87	0.05	NTU	"	2102626	10/26/12	10/26/12	SM2130 B	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

EnviroMatrix Analytical, Inc.



Client Name: Dudek & Associates, Inc.
Project Name: 7123 Well B/7123

EMA Log #: 12J0701

Microbiological Parameters by Standard Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Well B (12J0701-01) Drinking Water Sampled: 10/24/12 11:00 Received: 10/24/12 12:52									
Total Coliforms	Absent		None	1	2102524	10/24/12	10/25/12	SM9223	
E. Coli	Absent		"	"	"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

EnviroMatrix



Analytical, Inc.

Client Name: Dudek & Associates, Inc.
Project Name: 7123 Well B/7123

EMA Log #: 12J0701

Total Metals by EPA 200 Series Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2102817

Blank (2102817-BLK1)

Prepared & Analyzed: 10/28/12

Mercury	ND	0.0001	mg/l
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LCS (2102817-BS1)

Prepared & Analyzed: 10/28/12

Mercury	0.002	0.0001	mg/l	0.00200	103	75-125
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LCS Dup (2102817-BSD1)

Prepared & Analyzed: 10/28/12

Mercury	0.002	0.0001	mg/l	0.00200	102	75-125	1	20
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Duplicate (2102817-DUP1)

Source: 12J0701-01

Prepared & Analyzed: 10/28/12

Mercury	ND	0.0001	mg/l	ND				20
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Matrix Spike (2102817-MS1)

Source: 12J0701-01

Prepared & Analyzed: 10/28/12

Mercury	0.002	0.0001	mg/l	0.00200	ND	106	75-125
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Matrix Spike Dup (2102817-MSD1)

Source: 12J0701-01

Prepared & Analyzed: 10/28/12

Mercury	0.002	0.0001	mg/l	0.00200	ND	104	75-125	3	20
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Batch 2110751

Blank (2110751-BLK1)

Prepared: 11/07/12 Analyzed: 11/08/12

Calcium	ND	0.50	mg/l
Potassium	ND	1.00	"
Sodium	ND	0.50	"
Magnesium	ND	0.500	"

LCS (2110751-BS1)

Prepared: 11/07/12 Analyzed: 11/08/12

Potassium	10.7	1.00	mg/l	10.0	107	75-125
Magnesium	1.07	0.500	"	1.00	107	75-125

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EnviroMatrix



Analytical, Inc.

Client Name: Dudek & Associates, Inc.
Project Name: 7123 Well B/7123

EMA Log #: 12J0701

Total Metals by EPA 200 Series Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2110751

LCS (2110751-BS2)

Prepared: 11/07/12 Analyzed: 11/08/12

Calcium	5.25	0.50	mg/l	5.00		105	75-125			
Sodium	5.17	0.50	"	5.00		103	75-125			

LCS Dup (2110751-BSD1)

Prepared: 11/07/12 Analyzed: 11/08/12

Magnesium	1.07	0.500	mg/l	1.00		107	75-125	0.2	20	
Potassium	10.7	1.00	"	10.0		107	75-125	0.2	20	

LCS Dup (2110751-BSD2)

Prepared: 11/07/12 Analyzed: 11/08/12

Sodium	5.13	0.50	mg/l	5.00		103	75-125	0.9	20	
Calcium	5.20	0.50	"	5.00		104	75-125	1	20	

Duplicate (2110751-DUP1)

Source: 12J0701-01

Prepared: 11/07/12 Analyzed: 11/08/12

Magnesium	5.50	0.500	mg/l		5.54			0.6	20	
Calcium	38.9	0.50	"		39.5			1	20	
Potassium	1.75	1.00	"		1.77			1	20	
Sodium	53.2	0.50	"		53.6			0.7	20	

Matrix Spike (2110751-MS1)

Source: 12J0701-01

Prepared: 11/07/12 Analyzed: 11/08/12

Sodium	52.5	0.50	mg/l		53.6		75-125			
Calcium	38.8	0.50	"	1.00	39.5	NR	75-125			QM-4X
Magnesium	6.19	0.500	"	1.00	5.54	66	75-125			QM-4X
Potassium	11.4	1.00	"	10.0	1.77	97	75-125			

Matrix Spike Dup (2110751-MSD1)

Source: 12J0701-01

Prepared: 11/07/12 Analyzed: 11/08/12

Potassium	12.1	1.00	mg/l	10.0	1.77	103	75-125	5	20	
Sodium	54.0	0.50	"		53.6		75-125	3	20	
Magnesium	6.63	0.500	"	1.00	5.54	109	75-125	7	20	
Calcium	41.2	0.50	"	1.00	39.5	172	75-125	6	20	QM-4X

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

EnviroMatrix



Analytical, Inc.

Client Name: Dudek & Associates, Inc.
Project Name: 7123 Well B/7123

EMA Log #: 12J0701

Conventional Chemistry Parameters by Standard/EPA Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2102354										
Blank (2102354-BLK1)				Prepared & Analyzed: 10/23/12						
Nitrite as N	ND	0.05	mg/l							
LCS (2102354-BS1)				Prepared & Analyzed: 10/23/12						
Nitrite as N	0.09	0.05	mg/l	0.100		94	80-120			
LCS Dup (2102354-BSD1)				Prepared & Analyzed: 10/23/12						
Nitrite as N	0.10	0.05	mg/l	0.100		95	80-120	1	20	
Duplicate (2102354-DUP1)				Source: 12J0618-10		Prepared & Analyzed: 10/23/12				
Nitrite as N	0.007	0.05	mg/l		0.007			0	20	
Matrix Spike (2102354-MS1)				Source: 12J0618-10		Prepared & Analyzed: 10/23/12				
Nitrite as N	0.11	0.05	mg/l	0.100	0.007	104	80-120			
Matrix Spike Dup (2102354-MSD1)				Source: 12J0618-10		Prepared & Analyzed: 10/23/12				
Nitrite as N	0.11	0.05	mg/l	0.100	0.007	101	80-120	3	20	
Batch 2102531										
Duplicate (2102531-DUP1)				Source: 12J0688-03		Prepared & Analyzed: 10/24/12				
pH	8.08	0.10	pH Units		8.06			0.3	20	
Reference (2102531-SRM1)				Prepared & Analyzed: 10/24/12						
pH	7.43	0.10	pH Units	7.40		100	97.3-102.7			
Batch 2102624										
Duplicate (2102624-DUP1)				Source: 12J0701-01		Prepared & Analyzed: 10/26/12				
Color	5	1	Color Units		5			0	20	

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EnviroMatrix



Analytical, Inc.

Client Name: Dudek & Associates, Inc.
Project Name: 7123 Well B/7123

EMA Log #: 12J0701

Conventional Chemistry Parameters by Standard/EPA Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2102624

Reference (2102624-SRM1)

Prepared & Analyzed: 10/26/12

Color	49	1	Color Units	50.0	98	80-120
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Batch 2102625

Blank (2102625-BLK1)

Prepared & Analyzed: 10/26/12

Threshold Odor Number	ND	1.0	T.O.N.
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Duplicate (2102625-DUP1)

Source: 12J0701-01

Prepared & Analyzed: 10/26/12

Threshold Odor Number	ND	1.0	T.O.N.	ND	20
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Batch 2102626

Duplicate (2102626-DUP1)

Source: 12J0701-01

Prepared & Analyzed: 10/26/12

Turbidity	1.91	0.05	NTU	1.87	2	20
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Reference (2102626-SRM1)

Prepared & Analyzed: 10/26/12

Turbidity	4.00	0.05	NTU	4.45	90	86.7-111.7
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Batch 2102939

Blank (2102939-BLK1)

Prepared & Analyzed: 10/29/12

Nitrate as N	ND	0.05	mg/l
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LCS (2102939-BS1)

Prepared & Analyzed: 10/29/12

Nitrate as N	0.47	0.05	mg/l	0.500	95	80-120
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EnviroMatrix



Analytical, Inc.

Client Name: Dudek & Associates, Inc.
Project Name: 7123 Well B/7123

EMA Log #: 12J0701

Conventional Chemistry Parameters by Standard/EPA Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2102939										
LCS Dup (2102939-BSD1)				Prepared & Analyzed: 10/29/12						
Nitrate as N	0.50	0.05	mg/l	0.500		99	80-120	5	20	
Duplicate (2102939-DUP1)				Source: 12J0741-08		Prepared & Analyzed: 10/29/12				
Nitrate as N	ND	0.05	mg/l		ND				20	
Matrix Spike (2102939-MS1)				Source: 12J0741-08		Prepared & Analyzed: 10/29/12				
Nitrate as N	0.42	0.05	mg/l	0.500	ND	83	80-120			
Matrix Spike Dup (2102939-MSD1)				Source: 12J0741-08		Prepared & Analyzed: 10/29/12				
Nitrate as N	0.42	0.05	mg/l	0.500	ND	83	80-120	0	20	
Batch 2103159										
Blank (2103159-BLK1)				Prepared: 10/31/12 Analyzed: 11/01/12						
Total Dissolved Solids	ND	20.0	mg/l							
Duplicate (2103159-DUP1)				Source: 12J0741-11		Prepared: 10/31/12 Analyzed: 11/01/12				
Total Dissolved Solids	1070	20.0	mg/l		1110			4	20	
Reference (2103159-SRM1)				Prepared: 10/31/12 Analyzed: 11/01/12						
Total Dissolved Solids	302	20.0	mg/l	292		103	75-125			
Batch 2110131										
Duplicate (2110131-DUP1)				Source: 12J0639-01		Prepared & Analyzed: 11/01/12				
Specific Conductance (EC)	37	1.00	umhos/cm		36			2	20	

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EnviroMatrix



Analytical, Inc.

Client Name: Dudek & Associates, Inc.
Project Name: 7123 Well B/7123

EMA Log #: 12J0701

Conventional Chemistry Parameters by Standard/EPA Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2110131

Reference (2110131-SRM1)

Prepared & Analyzed: 11/01/12

Specific Conductance (EC)	509	1.00	umhos/cm	481	106	89.8-110.2
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Batch 2110216

Blank (2110216-BLK1)

Prepared & Analyzed: 11/02/12

Fluoride	ND	0.100	mg/l
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LCS (2110216-BS1)

Prepared & Analyzed: 11/02/12

Fluoride	0.940	0.100	mg/l	1.00	94	80-120
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LCS Dup (2110216-BSD1)

Prepared & Analyzed: 11/02/12

Fluoride	0.943	0.100	mg/l	1.00	94	80-120	0.3	20
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Duplicate (2110216-DUP1)

Source: 12J0701-01

Prepared & Analyzed: 11/02/12

Fluoride	0.235	0.100	mg/l	0.226	4	20
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Matrix Spike (2110216-MS1)

Source: 12J0701-01

Prepared & Analyzed: 11/02/12

Fluoride	1.21	0.200	mg/l	1.00	0.226	98	80-120
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Matrix Spike Dup (2110216-MSD1)

Source: 12J0701-01

Prepared & Analyzed: 11/02/12

Fluoride	1.22	0.200	mg/l	1.00	0.226	99	80-120	0.8	20
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Batch 2110217

Blank (2110217-BLK1)

Prepared & Analyzed: 11/02/12

Chloride	ND	0.05	mg/l
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Client Name: Dudek & Associates, Inc.
Project Name: 7123 Well B/7123

EMA Log #: 12J0701

Conventional Chemistry Parameters by Standard/EPA Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2110217										
LCS (2110217-BS1)				Prepared & Analyzed: 11/02/12						
Chloride	230	0.05	mg/l	200		115	80-120			
LCS Dup (2110217-BSD1)				Prepared & Analyzed: 11/02/12						
Chloride	220	0.05	mg/l	200		110	80-120	4	20	
Duplicate (2110217-DUP1)		Source: 12J0701-01		Prepared & Analyzed: 11/02/12						
Chloride	61.0	0.05	mg/l		60.0			2	20	
Matrix Spike (2110217-MS1)		Source: 12J0701-01		Prepared & Analyzed: 11/02/12						
Chloride	270	0.05	mg/l	200	60.0	105	80-120			
Matrix Spike Dup (2110217-MSD1)		Source: 12J0701-01		Prepared & Analyzed: 11/02/12						
Chloride	260	0.05	mg/l	200	60.0	100	80-120	4	20	
Batch 2110218										
Blank (2110218-BLK1)				Prepared & Analyzed: 11/02/12						
Sulfate as SO4	ND	5.0	mg/l							
LCS (2110218-BS1)				Prepared & Analyzed: 11/02/12						
Sulfate as SO4	10.6	5.0	mg/l	10.0		106	80-120			
LCS Dup (2110218-BSD1)				Prepared & Analyzed: 11/02/12						
Sulfate as SO4	10.5	5.0	mg/l	10.0		105	80-120	1	20	
Duplicate (2110218-DUP1)		Source: 12J0741-08		Prepared & Analyzed: 11/02/12						
Sulfate as SO4	ND	5.0	mg/l		ND				20	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

EnviroMatrix



Analytical, Inc.

Client Name: Dudek & Associates, Inc.
Project Name: 7123 Well B/7123

EMA Log #: 12J0701

Conventional Chemistry Parameters by Standard/EPA Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2110218

Matrix Spike (2110218-MS1)		Source: 12J0741-08		Prepared & Analyzed: 11/02/12						
Sulfate as SO4	10.2	5.0	mg/l	10.0	ND	102	80-120			

Matrix Spike Dup (2110218-MSD1)		Source: 12J0741-08		Prepared & Analyzed: 11/02/12						
Sulfate as SO4	10.1	5.0	mg/l	10.0	ND	101	80-120	0.8	20	

Batch 2110221

Duplicate (2110221-DUP1)		Source: 12J0701-01		Prepared & Analyzed: 11/02/12						
Hydroxide Alkalinity	ND	5	mg CaCO3/L		ND				20	
Bicarbonate Alkalinity	124	5	"		133			7	20	
Carbonate Alkalinity	ND	5	"		ND				20	
Total Alkalinity	124	5	"		133			7	20	

Reference (2110221-SRM1)		Prepared & Analyzed: 11/02/12								
Carbonate Alkalinity	ND	5	mg CaCO3/L	0.00			0-0			
Hydroxide Alkalinity	ND	5	"	0.00			0-0			
Bicarbonate Alkalinity	36	5	"	34.6		104	84.4-118.5			
Total Alkalinity	36	5	"	34.6		104	84.4-118.5			

Batch 2110751

Blank (2110751-BLK1)		Prepared: 11/07/12 Analyzed: 11/08/12								
Hardness (Total)	ND	10	mg CaCO3/L							

Duplicate (2110751-DUP1)		Source: 12J0701-01		Prepared: 11/07/12 Analyzed: 11/08/12						
Hardness (Total)	120	10	mg CaCO3/L		121			1	20	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

EnviroMatrix



Analytical, Inc.

Client Name: Dudek & Associates, Inc.
Project Name: 7123 Well B/7123

EMA Log #: 12J0701

Notes and Definitions

W-02 The sample for nitrate analysis was preserved with H₂SO₄ after the nitrite portion of the analysis was completed to extend the holding time for the sample. Nitrate results are corrected for the nitrite contribution per the method.

QM-4X The spike recovery was outside of the QC acceptance limits for the MS and/or MSD due to analyte concentration at 4 times or greater the spike concentration. The QC batch was accepted based on LCS and/or LCSD recoveries within the acceptance limits.

HT-15 This sample was received outside of the EPA's recommended 15 minute holding time for this analysis. However, the sample was analyzed immediately upon receipt.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

EnviroMatrix



Analytical, Inc.



Analytical, Inc.

- EnviroMatrix

CHAIN-OF-CUSTODY RECORD

4340 Viewridge Ave., Ste. A - San Diego, CA 92123 - Phone (858) 560-7717 - Fax (858) 560-7763

EMALOG #: 1250701

Client: DUDER

Attn: Trey Driscoll

Samplers(s): Pat Rantz

Address: 605 Third Street

Encinitas CA 92024

Phone: 760-815-0143 Fax:

Email: tdriscoll@duderk.com

Billing Address:

Project ID: 7123 Well B

Project #: 7123

PO #:

ID #	Client Sample ID	Sample Date	Sample Time	Sample Matrix	Container # / Type
1	Well B	10/24	15:00	W	10
2					
3					
4					
5					
6					
7					
8					
9					
10					

Matrix Codes: A = Air, DW = Drinking Water, GW = Groundwater, SW = Storm Water

WW = Wastewater, S = Soil, SED = Sediment, SD = Solid, T = Tissue, O = Oil, L = Liquid

Shipped By: ☐ Courier ☐ UPS ☐ FedEx ☐ USPS ☐ Client Drop Off ☐ OtherTurn-Around-Time: ☐ Same Day ☐ 1 day ☐ 2 day ☐ 3 day ☐ 4 day ☐ 5 day ☒ 7 dayReporting Requirements: ☐ Fax ☒ EDI ☐ Excel ☐ Geotracker/EDF ☐ Hard Copy ☐ EDTSample Disposal: ☐ By Laboratory ☐ Return to Client: P/U or Delivery ☐ Archive

Sample Integrity

Correct Containers: Yes No N/A

Custody Seals Intact: Yes No N/A

COC/Labels Agree: Yes No N/A

Containers Properly Preserved: Yes No N/A

Temp @ Receipt:

Sampled By: Client EMA Autosampler

Project/Sample Comments:

Please see attached sheets for requested analysis.

see ATTACHED: 150C

DN 10-24-12

Requested Analysis

Oil & Grease ☐ 413.1 ☐ 413.2 ☐ 1664	8015 (TPH) ☐ Gas ☐ Diesel ☐ Ext	624/8260 (VOC) Full BTXE MTBE Oxy Nap	625 / 8270 (SVOC) ☐ PAH only	608 / 8081 (Organochlorine Pesticides)	608 / 8082 (Polychlorinated Biphenyls)	8141 (Organophosphorus Pesticides)	TBT (Organotin Compounds)	pH ☐ EC ☐ TSS ☐ TDS	☐ Nitrate ☐ Nitrite ☐ TKN ☐ NH3	CAC Title 22/CAM17 Metals ☐ TTLC ☐ STLC	TCLP (RCRA) ☐ Metals ☐ Organics	Cd Cr Cu Pb Ni Ag Zn ☐ Dissolved	Coliform, ☐ Total (MTF) ☐ Fecal (MTF)	Collet, T+E, Coli ☐ P/A ☐ Enumeration	Enterococcus, ☐ MTF ☐ Enterolert	Heterotrophic Plate Count (HPC)	☐ BOD ☐ COD ☐ Cyanide
--	--	---------------------------------------	---	--	--	------------------------------------	---------------------------	--	---	---	---	---	---	---	--	---------------------------------	--

RELINQUISHED BY

Signature: *Pat Rantz*

Print: Pat Rantz

Company: DUDER

Signature:

Print:

Company:

RECEIVED BY

Signature: *David Nguyen*

Print: DAVID NGUYEN

Company: ENA

Signature:

Print:

Company:

Signature:

Print:

Company:

Additional costs may apply. Please note there is a \$35 minimum charge for all clients.

EMA reserves the right to return any samples that do not match our waste profile.

NOTE: By relinquishing samples to EMA, Inc., client agrees to pay for the services requested on this COC form and any additional analyses performed on this project. Payment for services is due within 30 days from date of invoice. Samples will be disposed of 7 days after report has been finalized unless otherwise noted. All work is subject to EMA's terms and conditions.

See water quality sample list as follows:

I will stop by this afternoon to pick up bottle kit and cooler. Thank you. Cations Total Hardness
Calcium Magnesium Sodium Potassium Total Cations

Anions

Total Alkalinity

Hydroxide

Carbonate

Bicarbonate

Chloride

Sulfate

Fluoride

Nitrate

~~Total Anions~~ *PK*

Aggregate Properties

pH

Specific Conductance

Solids

Total Dissolved Solids

1L Poly Ø
~~*500 ml poly Ø*~~

General Physical

Color

Odor

Turbidity

~~*500 ml poly Ø*~~
Glass Jar

Nutrients

Nitrite as N *500 ml poly Ø*

Metals and Metalloids

Aluminum

Antimony

Arsenic

Barium

Beryllium

Cadmium

Total Chromium

Copper

Iron

Lead

Manganese

Mercury

Nickel

Selenium

Silver

Thallium

Zinc

VOCs - 2 vials HCL

Radiochemistry

Gross Alpha - *1L poly Ø*

Uranium - *1L poly Ø*

1250701

Bacteriological
Total Coliform (Presence/Absence)
Fecal/E Coli

Cheers,

Trey

TREY DRISCOLL, PG, CHG
PROJECT MANAGER/ HYDROGEOLOGIST
DUDEK

ENGINEERING + ENVIRONMENTAL

605 THIRD STREET

ENCINITAS, CALIFORNIA 92024

T 760.479.4154 F 760.942.5206 C 760.415.1425

WWW.DUDEK.COM<<http://WWW.DUDEK.COM>>

PLEASE NOTE: Dudek & Associates uses an email filter to clean viruses and filter Spam. Please take the time to verify receipt of any important or time-sensitive email sent to us.

1250701



15 November 2012

Dudek & Associates, Inc.
Attn: Trey Driscoll
605 Third Street
Encinitas, CA 92024

EMA Log #: 12J0701

Project Name: 7123 Well B

Enclosed with this letter are the test results performed by subcontract laboratory for the following analyses:

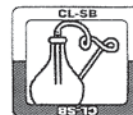
- Uranium
- Gross Alpha
- EPA 524.2 - VOCs

The samples were received by EnviroMatrix Analytical, Inc. intact and with chain-of-custody documentation. The test results and pertinent quality assurance/quality control data are listed on the attached tables.

I certify that this data report is in compliance both technically and for completeness. Release of the data contained in this hard copy data report has been authorized by the following signature.

Dan Verdon
Laboratory Director

Clinical Laboratory of San Bernardino, Inc.



31 October 2012

Clinical Lab No.: 12J1882

Louis Luick
EnviroMatrix Analytical, Inc.
4340 Viewridge., Ste. A
San Diego, CA 92123

Project Name: Drinking Water
Sub Project: 12J0701

Enclosed are the results of the analyses for samples received at the laboratory on 10/25/12. Samples were received within temperature range, in correct containers and preservation.

Analyses were performed pursuant to client's chain of custody, within hold times, utilizing EPA or other ELAP approved methodologies.

I certify that the results are within compliance both technically and for completeness. Analytical results are attached to this letter. Please call if any additional information and or assistance are needed.

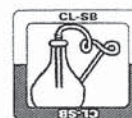
Thank you for choosing Clinical Laboratory of San Bernardino for your analytical needs.

Sincerely,

A handwritten signature in cursive script that reads 'Stephen Kavousy'.

Stephen Kavousy
Project Manager

Clinical Laboratory of San Bernardino, Inc.



EnviroMatrix Analytical, Inc.

4340 Viewridge., Ste. A
San Diego CA, 92123

Project: Drinking Water

Sub Project: 12J0701

Project Manager: Louis Luick

Work Order: 12J1882

Received: 10/25/12 11:00

Reported: 10/31/12

Well B

12J1882-01 (Water)

Sample Date: 10/24/12 11:00 Sampler: Not Listed

Analyte	Method	Result	Units	Rep. Limit	MCL	Prepared	Analyzed	Batch	Qualifier
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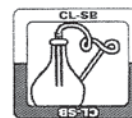
Radiochemistry Analyses

Gross Alpha	EPA 900.0	14	pCi/L	3.0	15	10/26/12	10/30/12	1243332	
Gross Alpha Counting Error	EPA 900.0	2.4	pCi/L			10/26/12	10/30/12	1243332	
Gross Alpha Min Det Activity	EPA 900.0	1.2	pCi/L			10/26/12	10/30/12	1243332	
Uranium	EPA 908.0	16	pCi/L	1.0	20	10/29/12	10/30/12	1243150	
Uranium Counting Error	EPA 908.0	1.6	pCi/L			10/29/12	10/30/12	1243150	
Uranium Min Det Activity	EPA 908.0	0.88	pCi/L			10/29/12	10/30/12	1243150	

Trihalomethanes Analyses

Bromodichloromethane	EPA 524.2	ND	ug/L	1.0		10/24/12	10/26/12	1243245	
Bromoform	EPA 524.2	ND	ug/L	1.0		10/24/12	10/26/12	1243245	
Chloroform (Trichloromethane)	EPA 524.2	ND	ug/L	1.0		10/24/12	10/26/12	1243245	
Dibromochloromethane	EPA 524.2	ND	ug/L	1.0		10/24/12	10/26/12	1243245	
Total Trihalomethanes (TTHM)	EPA 524.2	ND	ug/L	1.0	80	10/24/12	10/26/12	1243245	
Surrogate: Bromofluorobenzene	EPA 524.2	98 %				10 24 12	10 26 12	1243245	
Surrogate: 1,2-Dichlorobenzene-d4	EPA 524.2	104 %				10 24 12	10 26 12	1243245	

Clinical Laboratory of San Bernardino, Inc.



EnviroMatrix Analytical, Inc.

4340 Viewridge., Ste. A

San Diego CA, 92123

Project: Drinking Water

Sub Project: 12J0701

Project Manager: Louis Luick

Work Order: 12J1882

Received: 10/25/12 11:00

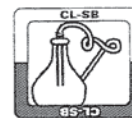
Reported: 10/31/12

Radiochemistry Analyses - Quality Control

Clinical Laboratory of San Bernardino

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
Batch 1243150									
Blank (1243150-BLK1)				Prepared: 10/24/12 Analyzed: 10/26/12					
Uranium	ND	1.0	pCi/L						
Blank (1243150-BLK2)				Prepared: 10/24/12 Analyzed: 10/26/12					
Uranium	ND	1.0	pCi/L						
LCS (1243150-BS1)				Prepared: 10/24/12 Analyzed: 10/26/12					
Uranium	17.5	1.0	pCi/L	20	88	70-130			
LCS (1243150-BS2)				Prepared: 10/24/12 Analyzed: 10/26/12					
Uranium	17.8	1.0	pCi/L	20	89	70-130			
Matrix Spike (1243150-MS1)				Source: 12J1087-02 Prepared: 10/24/12 Analyzed: 10/26/12					
Uranium	10.9	1.0	pCi/L	10	1.81	91	50-150		
Matrix Spike Dup (1243150-MSD1)				Source: 12J1087-02 Prepared: 10/24/12 Analyzed: 10/26/12					
Uranium	13.5	1.0	pCi/L	10	1.81	117	50-150	21	50
Batch 1243332									
Blank (1243332-BLK1)				Prepared: 10/26/12 Analyzed: 10/30/12					
Gross Alpha	ND	3.0	pCi/L						
LCS (1243332-BS1)				Prepared: 10/26/12 Analyzed: 10/30/12					
Gross Alpha	17.5	3.0	pCi/L	20	87	70-130			
Matrix Spike (1243332-MS1)				Source: 12J1899-01 Prepared: 10/26/12 Analyzed: 10/30/12					
Gross Alpha	19.3	3.0	pCi/L	20	3.72	78	50-150		

Clinical Laboratory of San Bernardino, Inc.



EnviroMatrix Analytical, Inc.

4340 Viewridge., Ste. A

San Diego CA, 92123

Project: Drinking Water

Sub Project: 12J0701

Project Manager: Louis Luick

Work Order: 12J1882

Received: 10/25/12 11:00

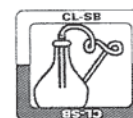
Reported: 10/31/12

Radiochemistry Analyses - Quality Control

Clinical Laboratory of San Bernardino

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1243332										
Matrix Spike Dup (1243332-MSD1)										
Source: 12J1899-01										
Prepared: 10/26/12 Analyzed: 10/30/12										
Gross Alpha	16.2	3.0	pCi/L	20	3.72	62	50-150	18	50	

Clinical Laboratory of San Bernardino, Inc.



EnviroMatrix Analytical, Inc.

4340 Viewridge., Ste. A

San Diego CA, 92123

Project: Drinking Water

Sub Project: 12J0701

Project Manager: Louis Luick

Work Order: 12J1882

Received: 10/25/12 11:00

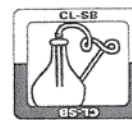
Reported: 10/31/12

Trihalomethanes Analyses - Quality Control

Clinical Laboratory of San Bernardino

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1243245										
Blank (1243245-BLK1)										
Prepared & Analyzed: 10/24/12										
Bromodichloromethane	ND	1.0	ug/L							
Bromoform	ND	1.0	ug/L							
Chloroform (Trichloromethane)	ND	1.0	ug/L							
Dibromochloromethane	ND	1.0	ug/L							
Total Trihalomethanes (TTHM)	ND	1.0	ug/L							
Surrogate: 1,2-Dichlorobenzene-d4	0.90		ug/L	1.0		90	50-150			
Surrogate: Bromofluorobenzene	1.0		ug/L	1.0		104	50-150			
LCS (1243245-BS1)										
Prepared & Analyzed: 10/24/12										
Bromodichloromethane	9.58	1.0	ug/L	10		96	75-125			
Bromoform	9.61	1.0	ug/L	10		96	75-125			
Chloroform (Trichloromethane)	9.62	1.0	ug/L	10		96	75-125			
Dibromochloromethane	9.48	1.0	ug/L	10		95	75-125			
Total Trihalomethanes (TTHM)	38.3	1.0	ug/L	40		96	75-125			
Surrogate: 1,2-Dichlorobenzene-d4	1.2		ug/L	1.0		119	50-150			
Surrogate: Bromofluorobenzene	1.0		ug/L	1.0		100	50-150			
LCS (1243245-BS2)										
Prepared: 10/24/12 Analyzed: 10/25/12										
Bromodichloromethane	9.75	1.0	ug/L	10		98	75-125			
Bromoform	9.06	1.0	ug/L	10		91	75-125			
Chloroform (Trichloromethane)	10.4	1.0	ug/L	10		104	75-125			
Dibromochloromethane	9.36	1.0	ug/L	10		94	75-125			
Total Trihalomethanes (TTHM)	38.6	1.0	ug/L	40		96	75-125			
Surrogate: 1,2-Dichlorobenzene-d4	1.0		ug/L	1.0		103	50-150			
Surrogate: Bromofluorobenzene	1.0		ug/L	1.0		100	50-150			
LCS (1243245-BS3)										
Prepared: 10/24/12 Analyzed: 10/25/12										
Bromodichloromethane	9.92	1.0	ug/L	10		99	75-125			
Bromoform	9.62	1.0	ug/L	10		96	75-125			
Chloroform (Trichloromethane)	11.2	1.0	ug/L	10		112	75-125			
Dibromochloromethane	10.1	1.0	ug/L	10		101	75-125			
Total Trihalomethanes (TTHM)	40.9	1.0	ug/L	40		102	75-125			
Surrogate: 1,2-Dichlorobenzene-d4	1.1		ug/L	1.0		111	50-150			
Surrogate: Bromofluorobenzene	1.1		ug/L	1.0		110	50-150			

Clinical Laboratory of San Bernardino, Inc.



EnviroMatrix Analytical, Inc.

4340 Viewridge., Ste. A

San Diego CA. 92123

Project: Drinking Water

Sub Project: 12J0701

Project Manager: Louis Luick

Work Order: 12J1882

Received: 10/25/12 11:00

Reported: 10/31/12

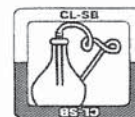
Trihalomethanes Analyses - Quality Control

Clinical Laboratory of San Bernardino

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1243245										
LCS (1243245-BS4)										
					Prepared: 10/24/12 Analyzed: 10/26/12					
Bromodichloromethane	107	1.0	ug/L	100		107	75-125			
Bromoform	99.2	1.0	ug/L	100		99	75-125			
Chloroform (Trichloromethane)	107	1.0	ug/L	100		107	75-125			
Dibromochloromethane	100	1.0	ug/L	100		100	75-125			
Total Trihalomethanes (TTHM)	413	1.0	ug/L	400		103	75-125			
Surrogate: 1,2-Dichlorobenzene-d4	1.0		ug/L	1.0		100	50-150			
Surrogate: Bromofluorobenzene	1.0		ug/L	1.0		102	50-150			
Matrix Spike (1243245-MS1)										
		Source: 12J1766-06		Prepared: 10/24/12 Analyzed: 10/25/12						
Surrogate: 1,2-Dichlorobenzene-d4	1.1		ug/L	1.0		110	50-150			
Surrogate: Bromofluorobenzene	1.0		ug/L	1.0		104	50-150			
Matrix Spike Dup (1243245-MSD1)										
		Source: 12J1766-06		Prepared: 10/24/12 Analyzed: 10/25/12						
Surrogate: 1,2-Dichlorobenzene-d4	1.2		ug/L	1.0		118	50-150			
Surrogate: Bromofluorobenzene	1.0		ug/L	1.0		104	50-150			

ND Analyte NOT DETECTED at or above the reporting limit

Clinical Laboratory of San Bernardino, Inc.



13 November 2012

Clinical Lab No.: 12J1882

Louis Luick
EnviroMatrix Analytical, Inc.
4340 Viewridge., Ste. A
San Diego, CA 92123

Project Name: Drinking Water
Sub Project: 12J0701

Enclosed are the results of the analyses for samples received at the laboratory on 10/25/12. Samples were received within temperature range, in correct containers and preservation.

Analyses were performed pursuant to client's chain of custody, within hold times, utilizing EPA or other ELAP approved methodologies.

I certify that the results are within compliance both technically and for completeness. Analytical results are attached to this letter. Please call if any additional information and or assistance are needed.

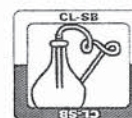
Thank you for choosing Clinical Laboratory of San Bernardino for your analytical needs.

Sincerely,

A handwritten signature in cursive script that reads 'Stephen Kavousy'.

Stephen Kavousy
Project Manager

Clinical Laboratory of San Bernardino, Inc.


EnviroMatrix Analytical, Inc.

4340 Viewridge, Ste. A
San Diego CA, 92123

Project: Drinking Water
Sub Project: 12J0701
Project Manager: Louis Luick

Work Order: 12J1882
Received: 10/25/12 11:00
Reported: 11/13/12

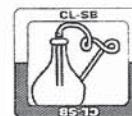
Well B
12J1882-01 (Water)
Sample Date: 10/24/12 11:00 **Sampler:** Not Listed

Analyte	Method	Result	Units	Rep. Limit	MCL	Prepared	Analyzed	Batch	Qualifier
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Volatile Organic Analyses

Vinyl Chloride (VC)	EPA 524.2	ND	ug/L	0.50	0.5	10/24/12	10/26/12	1243245	
Trichlorofluoromethane (FREON 11)	EPA 524.2	ND	ug/L	5.0	150	10/24/12	10/26/12	1243245	
1,1-Dichloroethylene (1,1-DCE)	EPA 524.2	ND	ug/L	0.50	6	10/24/12	10/26/12	1243245	
1,1,2-Trichloro-1,2,2-trifluoroethane	EPA 524.2	ND	ug/L	10	1200	10/24/12	10/26/12	1243245	
Dichloromethane (Methylene Chloride)	EPA 524.2	ND	ug/L	0.50	5	10/24/12	10/26/12	1243245	
trans-1,2-Dichloroethylene (t-1,2-DCE)	EPA 524.2	ND	ug/L	0.50	10	10/24/12	10/26/12	1243245	
Methyl tert-Butyl Ether	EPA 524.2	ND	ug/L	3.0	13	10/24/12	10/26/12	1243245	
1,1-Dichloroethane (1,1-DCA)	EPA 524.2	ND	ug/L	0.50	5	10/24/12	10/26/12	1243245	
cis-1,2-Dichloroethylene (c-1,2-DCE)	EPA 524.2	ND	ug/L	0.50	6	10/24/12	10/26/12	1243245	
Chloroform (Trichloromethane)	EPA 524.2	ND	ug/L	1.0		10/24/12	10/26/12	1243245	
Carbon Tetrachloride	EPA 524.2	ND	ug/L	0.50	0.5	10/24/12	10/26/12	1243245	
1,1,1-Trichloroethane (1,1,1-TCA)	EPA 524.2	ND	ug/L	0.50	200	10/24/12	10/26/12	1243245	
Benzene	EPA 524.2	ND	ug/L	0.50	1	10/24/12	10/26/12	1243245	
1,2-Dichloroethane (1,2-DCA)	EPA 524.2	ND	ug/L	0.50	0.5	10/24/12	10/26/12	1243245	
Trichloroethylene (TCE)	EPA 524.2	ND	ug/L	0.50	5	10/24/12	10/26/12	1243245	
1,2-Dichloropropane	EPA 524.2	ND	ug/L	0.50	5	10/24/12	10/26/12	1243245	
Bromodichloromethane	EPA 524.2	ND	ug/L	1.0		10/24/12	10/26/12	1243245	
Toluene	EPA 524.2	0.60	ug/L	0.50	150	10/24/12	10/26/12	1243245	
Tetrachloroethylene (PCE)	EPA 524.2	ND	ug/L	0.50	5	10/24/12	10/26/12	1243245	
1,1,2-Trichloroethane (1,1,2-TCA)	EPA 524.2	ND	ug/L	0.50	5	10/24/12	10/26/12	1243245	
Dibromochloromethane	EPA 524.2	ND	ug/L	1.0		10/24/12	10/26/12	1243245	
Monochlorobenzene (Chlorobenzene)	EPA 524.2	ND	ug/L	0.50	70	10/24/12	10/26/12	1243245	
Ethyl Benzene	EPA 524.2	ND	ug/L	0.50	300	10/24/12	10/26/12	1243245	
cis-1,3-Dichloropropene	EPA 524.2	ND	ug/L	0.50		10/24/12	10/26/12	1243245	
m,p-Xylene	EPA 524.2	ND	ug/L	1.0		10/24/12	10/26/12	1243245	
trans-1,3-Dichloropropene	EPA 524.2	ND	ug/L	0.50		10/24/12	10/26/12	1243245	
o-Xylene	EPA 524.2	ND	ug/L	0.50		10/24/12	10/26/12	1243245	
Styrene	EPA 524.2	ND	ug/L	0.50	100	10/24/12	10/26/12	1243245	
Bromoform	EPA 524.2	ND	ug/L	1.0		10/24/12	10/26/12	1243245	
1,1,2,2-Tetrachloroethane	EPA 524.2	ND	ug/L	0.50		10/24/12	10/26/12	1243245	
1,4-Dichlorobenzene (p-DCB)	EPA 524.2	ND	ug/L	0.50	5	10/24/12	10/26/12	1243245	
1,2-Dichlorobenzene (o-DCB)	EPA 524.2	ND	ug/L	0.50	600	10/24/12	10/26/12	1243245	
1,2,4-Trichlorobenzene	EPA 524.2	ND	ug/L	0.50	5	10/24/12	10/26/12	1243245	
Total 1,3-Dichloropropene	EPA 524.2	ND	ug/L	0.50	0.5	10/24/12	10/26/12	1243245	
Total Trihalomethanes (TTHM)	EPA 524.2	ND	ug/L	1.0	80	10/24/12	10/26/12	1243245	
Total Xylenes (m,p & o)	EPA 524.2	ND	ug/L	0.50	1750	10/24/12	10/26/12	1243245	
Surrogate: 1,2-Dichlorobenzene-d4	EPA 524.2	104 %				10 24 12	10 26 12	1243245	
Surrogate: Bromofluorobenzene	EPA 524.2	98 %				10 24 12	10 26 12	1243245	

Clinical Laboratory of San Bernardino, Inc.


EnviroMatrix Analytical, Inc.

4340 Viewridge., Ste. A
San Diego CA, 92123

Project: Drinking Water
Sub Project: 12J0701
Project Manager: Louis Luick

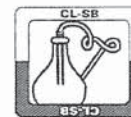
Work Order: 12J1882
Received: 10/25/12 11:00
Reported: 11/13/12

Volatile Organic Analyses - Quality Control

Clinical Laboratory of San Bernardino

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1243245										
Blank (1243245-BL.K1)				Prepared & Analyzed: 10/24/12						
1,1,1-Trichloroethane (1,1,1-TCA)	ND	0.50	ug/L							
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L							
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	10	ug/L							
1,1,2-Trichloroethane (1,1,2-TCA)	ND	0.50	ug/L							
1,1-Dichloroethane (1,1-DCA)	ND	0.50	ug/L							
1,1-Dichloroethylene (1,1-DCE)	ND	0.50	ug/L							
1,2,4-Trichlorobenzene	ND	0.50	ug/L							
1,2-Dichlorobenzene (o-DCB)	ND	0.50	ug/L							
1,2-Dichloroethane (1,2-DCA)	ND	0.50	ug/L							
1,2-Dichloropropane	ND	0.50	ug/L							
1,4-Dichlorobenzene (p-DCB)	ND	0.50	ug/L							
Benzene	ND	0.50	ug/L							
Bromodichloromethane	ND	1.0	ug/L							
Bromoforn	ND	1.0	ug/L							
Carbon Tetrachloride	ND	0.50	ug/L							
Chloroforn (Trichloromethane)	ND	1.0	ug/L							
cis-1,2-Dichloroethylene (c-1,2-DCE)	ND	0.50	ug/L							
cis-1,3-Dichloropropene	ND	0.50	ug/L							
Dibromochloromethane	ND	1.0	ug/L							
Dichloromethane (Methylene Chloride)	ND	0.50	ug/L							
Ethyl Benzene	ND	0.50	ug/L							
m,p-Xylene	ND	1.0	ug/L							
Methyl tert-Butyl Ether	ND	3.0	ug/L							
Monochlorobenzene (Chlorobenzene)	ND	0.50	ug/L							
o-Xylene	ND	0.50	ug/L							
Styrene	ND	0.50	ug/L							
Tetrachloroethylene (PCE)	ND	0.50	ug/L							
Toluene	ND	0.50	ug/L							
trans-1,2-Dichloroethylene (t-1,2-DCE)	ND	0.50	ug/L							
trans-1,3-Dichloropropene	ND	0.50	ug/L							
Trichloroethylene (TCE)	ND	0.50	ug/L							
Trichlorofluoromethane (FREON 11)	ND	5.0	ug/L							
Vinyl Chloride (VC)	ND	0.50	ug/L							
Surrogate: 1,2-Dichlorobenzene-d4	0.90		ug/L	1.0		90	50-150			

Clinical Laboratory of San Bernardino, Inc.



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4340 Viewridge., Ste. A
San Diego CA, 92123

Project: Drinking Water
Sub Project: 12J0701
Project Manager: Louis Luick

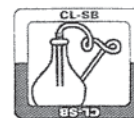
Work Order: 12J1882
Received: 10/25/12 11:00
Reported: 11/13/12

Volatile Organic Analyses - Quality Control

Clinical Laboratory of San Bernardino

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1243245										
Blank (1243245-BLK1)										
Prepared & Analyzed: 10/24/12										
Surrogate: Bromofluorobenzene	1.0		ug/L	1.0		104	50-150			
LCS (1243245-BS1)										
Prepared & Analyzed: 10/24/12										
1,1,1-Trichloroethane (1,1,1-TCA)	5.06	0.50	ug/L	5.0		101	75-125			
1,1,2,2-Tetrachloroethane	6.07	0.50	ug/L	5.0		121	75-125			
1,1,2-Trichloro-1,2,2-trifluoroethane	5.06	10	ug/L	5.0		101	75-125			
1,1,2-Trichloroethane (1,1,2-TCA)	4.92	0.50	ug/L	5.0		98	75-125			
1,1-Dichloroethane (1,1-DCA)	4.82	0.50	ug/L	5.0		96	75-125			
1,1-Dichloroethylene (1,1-DCE)	4.39	0.50	ug/L	5.0		88	75-125			
1,2,4-Trichlorobenzene	4.22	0.50	ug/L	5.0		84	75-125			
1,2-Dichlorobenzene (o-DCB)	4.66	0.50	ug/L	5.0		93	75-125			
1,2-Dichloroethane (1,2-DCA)	4.50	0.50	ug/L	5.0		90	75-125			
1,2-Dichloropropane	5.27	0.50	ug/L	5.0		105	75-125			
1,4-Dichlorobenzene (p-DCB)	4.67	0.50	ug/L	5.0		93	75-125			
Benzene	4.74	0.50	ug/L	5.0		95	75-125			
Bromodichloromethane	9.58	1.0	ug/L	10		96	75-125			
Bromoform	9.61	1.0	ug/L	10		96	75-125			
Carbon Tetrachloride	4.57	0.50	ug/L	5.0		91	75-125			
Chloroform (Trichloromethane)	9.62	1.0	ug/L	10		96	75-125			
cis-1,2-Dichloroethylene (c-1,2-DCE)	4.12	0.50	ug/L	5.0		82	75-125			
cis-1,3-Dichloropropene	4.56	0.50	ug/L	5.0		91	75-125			
Dibromochloromethane	9.48	1.0	ug/L	10		95	75-125			
Dichloromethane (Methylene Chloride)	4.67	0.50	ug/L	5.0		93	75-125			
Ethyl Benzene	5.78	0.50	ug/L	5.0		116	75-125			
m,p-Xylene	10.1	1.0	ug/L	10		101	75-125			
Methyl tert-Butyl Ether	4.19	3.0	ug/L	5.0		84	75-125			
Monochlorobenzene (Chlorobenzene)	5.26	0.50	ug/L	5.0		105	75-125			
o-Xylene	4.71	0.50	ug/L	5.0		94	75-125			
Styrene	4.23	0.50	ug/L	5.0		85	75-125			
Tetrachloroethylene (PCE)	4.31	0.50	ug/L	5.0		86	75-125			
Toluene	4.50	0.50	ug/L	5.0		90	75-125			
trans-1,2-Dichloroethylene (t-1,2-DCE)	4.30	0.50	ug/L	5.0		86	75-125			
trans-1,3-Dichloropropene	4.44	0.50	ug/L	5.0		89	75-125			
Trichloroethylene (TCE)	4.53	0.50	ug/L	5.0		91	75-125			
Trichlorofluoromethane (FREON 11)	4.70	5.0	ug/L	5.0		94	75-125			
Vinyl Chloride (VC)	4.40	0.50	ug/L	5.0		88	75-125			
Surrogate: 1,2-Dichlorobenzene-d4	1.2		ug/L	1.0		119	50-150			

Clinical Laboratory of San Bernardino, Inc.



EnviroMatrix Analytical, Inc.

4340 Viewridge, Ste. A
San Diego CA, 92123

Project: Drinking Water

Sub Project: 12J0701

Project Manager: Louis Luick

Work Order: 12J1882

Received: 10/25/12 11:00

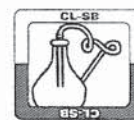
Reported: 11/13/12

Volatile Organic Analyses - Quality Control

Clinical Laboratory of San Bernardino

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1243245										
LCS (1243245-BS1)					Prepared & Analyzed: 10/24/12					
Surrogate: Bromofluorobenzene	1.0		ug/L	1.0		100	50-150			
LCS (1243245-BS2)					Prepared: 10/24/12 Analyzed: 10/25/12					
1,1,1-Trichloroethane (1,1,1-TCA)	5.29	0.50	ug/L	5.0		106	75-125			
1,1,2,2-Tetrachloroethane	5.64	0.50	ug/L	5.0		113	75-125			
1,1,2-Trichloro-1,2,2-trifluoroethane	4.80	10	ug/L	5.0		96	75-125			
1,1,2-Trichloroethane (1,1,2-TCA)	5.14	0.50	ug/L	5.0		103	75-125			
1,1-Dichloroethane (1,1-DCA)	5.22	0.50	ug/L	5.0		104	75-125			
1,1-Dichloroethylene (1,1-DCE)	4.25	0.50	ug/L	5.0		85	75-125			
1,2,4-Trichlorobenzene	4.99	0.50	ug/L	5.0		100	75-125			
1,2-Dichlorobenzene (o-DCB)	5.01	0.50	ug/L	5.0		100	75-125			
1,2-Dichloroethane (1,2-DCA)	4.73	0.50	ug/L	5.0		95	75-125			
1,2-Dichloropropane	5.24	0.50	ug/L	5.0		105	75-125			
1,4-Dichlorobenzene (p-DCB)	5.08	0.50	ug/L	5.0		102	75-125			
Benzene	4.87	0.50	ug/L	5.0		97	75-125			
Bromodichloromethane	9.75	1.0	ug/L	10		98	75-125			
Bromoform	9.06	1.0	ug/L	10		91	75-125			
Carbon Tetrachloride	4.74	0.50	ug/L	5.0		95	75-125			
Chloroform (Trichloromethane)	10.4	1.0	ug/L	10		104	75-125			
cis-1,2-Dichloroethylene (c-1,2-DCE)	4.51	0.50	ug/L	5.0		90	75-125			
cis-1,3-Dichloropropene	4.28	0.50	ug/L	5.0		86	75-125			
Dibromochloromethane	9.36	1.0	ug/L	10		94	75-125			
Dichloromethane (Methylene Chloride)	4.71	0.50	ug/L	5.0		94	75-125			
Ethyl Benzene	6.01	0.50	ug/L	5.0		120	75-125			
m,p-Xylene	10.1	1.0	ug/L	10		101	75-125			
Methyl tert-Butyl Ether	4.43	3.0	ug/L	5.0		89	75-125			
Monochlorobenzene (Chlorobenzene)	5.30	0.50	ug/L	5.0		106	75-125			
o-Xylene	5.03	0.50	ug/L	5.0		101	75-125			
Styrene	4.34	0.50	ug/L	5.0		87	75-125			
Tetrachloroethylene (PCE)	4.86	0.50	ug/L	5.0		97	75-125			
Toluene	4.86	0.50	ug/L	5.0		97	75-125			
trans-1,2-Dichloroethylene (t-1,2-DCE)	4.52	0.50	ug/L	5.0		90	75-125			
trans-1,3-Dichloropropene	4.23	0.50	ug/L	5.0		85	75-125			
Trichloroethylene (TCE)	4.74	0.50	ug/L	5.0		95	75-125			
Trichlorofluoromethane (FREON 11)	4.66	5.0	ug/L	5.0		93	75-125			
Vinyl Chloride (VC)	4.30	0.50	ug/L	5.0		86	75-125			
Surrogate: 1,2-Dichlorobenzene-d4	1.0		ug/L	1.0		103	50-150			

Clinical Laboratory of San Bernardino, Inc.



EnviroMatrix Analytical, Inc.

4340 Viewridge., Ste. A

San Diego CA, 92123

Project: Drinking Water

Sub Project: 12J0701

Project Manager: Louis Luick

Work Order: 12J1882

Received: 10/25/12 11:00

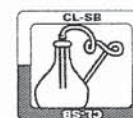
Reported: 11/13/12

Volatile Organic Analyses - Quality Control

Clinical Laboratory of San Bernardino

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1243245										
LCS (1243245-BS2)										
Prepared: 10/24/12 Analyzed: 10/25/12										
Surrogate: Bromofluorobenzene	1.0		ug/L	1.0		100	50-150			
LCS (1243245-BS3)										
Prepared: 10/24/12 Analyzed: 10/25/12										
1,1,1-Trichloroethane (1,1,1-TCA)	5.98	0.50	ug/L	5.0		120	75-125			
1,1,2,2-Tetrachloroethane	5.50	0.50	ug/L	5.0		110	75-125			
1,1,2-Trichloro-1,2,2-trifluoroethane	6.14	10	ug/L	5.0		123	75-125			
1,1,2-Trichloroethane (1,1,2-TCA)	5.53	0.50	ug/L	5.0		111	75-125			
1,1-Dichloroethane (1,1-DCA)	5.47	0.50	ug/L	5.0		109	75-125			
1,1-Dichloroethylene (1,1-DCE)	4.98	0.50	ug/L	5.0		100	75-125			
1,2,4-Trichlorobenzene	4.77	0.50	ug/L	5.0		95	75-125			
1,2-Dichlorobenzene (o-DCB)	5.24	0.50	ug/L	5.0		105	75-125			
1,2-Dichloroethane (1,2-DCA)	5.03	0.50	ug/L	5.0		101	75-125			
1,2-Dichloropropane	5.91	0.50	ug/L	5.0		118	75-125			
1,4-Dichlorobenzene (p-DCB)	5.16	0.50	ug/L	5.0		103	75-125			
Benzene	5.35	0.50	ug/L	5.0		107	75-125			
Bromodichloromethane	9.92	1.0	ug/L	10		99	75-125			
Bromoform	9.62	1.0	ug/L	10		96	75-125			
Carbon Tetrachloride	5.41	0.50	ug/L	5.0		108	75-125			
Chloroform (Trichloromethane)	11.2	1.0	ug/L	10		112	75-125			
cis-1,2-Dichloroethylene (c-1,2-DCE)	4.77	0.50	ug/L	5.0		95	75-125			
cis-1,3-Dichloropropene	5.08	0.50	ug/L	5.0		102	75-125			
Dibromochloromethane	10.1	1.0	ug/L	10		101	75-125			
Dichloromethane (Methylene Chloride)	5.56	0.50	ug/L	5.0		111	75-125			
Ethyl Benzene	5.31	0.50	ug/L	5.0		106	75-125			
m,p-Xylene	12.1	1.0	ug/L	10		121	75-125			
Methyl tert-Butyl Ether	4.94	3.0	ug/L	5.0		99	75-125			
Monochlorobenzene (Chlorobenzene)	6.03	0.50	ug/L	5.0		121	75-125			
o-Xylene	5.23	0.50	ug/L	5.0		105	75-125			
Styrene	5.17	0.50	ug/L	5.0		103	75-125			
Tetrachloroethylene (PCE)	4.42	0.50	ug/L	5.0		88	75-125			
Toluene	5.36	0.50	ug/L	5.0		107	75-125			
trans-1,2-Dichloroethylene (t-1,2-DCE)	5.08	0.50	ug/L	5.0		102	75-125			
trans-1,3-Dichloropropene	5.13	0.50	ug/L	5.0		103	75-125			
Trichloroethylene (TCE)	5.02	0.50	ug/L	5.0		100	75-125			
Trichlorofluoromethane (FREON 11)	5.67	5.0	ug/L	5.0		113	75-125			
Vinyl Chloride (VC)	4.91	0.50	ug/L	5.0		98	75-125			
Surrogate: 1,2-Dichlorobenzene-d4	1.1		ug/L	1.0		111	50-150			

Clinical Laboratory of San Bernardino, Inc.



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4340 Viewridge., Ste. A
San Diego CA, 92123

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Project Manager: Louis Luick

Work Order: 12J1882

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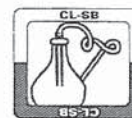
Reported: 11/13/12

Volatile Organic Analyses - Quality Control

Clinical Laboratory of San Bernardino

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1243245										
LCS (1243245-BS3)										
Prepared: 10/24/12 Analyzed: 10/25/12										
Surrogate: Bromofluorobenzene	1.1		ug/L	1.0		110	50-150			
LCS (1243245-BS4)										
Prepared: 10/24/12 Analyzed: 10/26/12										
1,1,1-Trichloroethane (1,1,1-TCA)	52.9	0.50	ug/L	50		106	75-125			
1,1,2,2-Tetrachloroethane	46.5	0.50	ug/L	50		93	75-125			
1,1,2-Trichloro-1,2,2-trifluoroethane	52.8	10	ug/L	50		106	75-125			
1,1,2-Trichloroethane (1,1,2-TCA)	51.5	0.50	ug/L	50		103	75-125			
1,1-Dichloroethane (1,1-DCA)	52.0	0.50	ug/L	50		104	75-125			
1,1-Dichloroethylene (1,1-DCE)	46.4	0.50	ug/L	50		93	75-125			
1,2,4-Trichlorobenzene	46.8	0.50	ug/L	50		94	75-125			
1,2-Dichlorobenzene (o-DCB)	49.7	0.50	ug/L	50		99	75-125			
1,2-Dichloroethane (1,2-DCA)	50.4	0.50	ug/L	50		101	75-125			
1,2-Dichloropropane	53.9	0.50	ug/L	50		108	75-125			
1,4-Dichlorobenzene (p-DCB)	52.8	0.50	ug/L	50		106	75-125			
Benzene	50.8	0.50	ug/L	50		102	75-125			
Bromodichloromethane	107	1.0	ug/L	100		107	75-125			
Bromoform	99.2	1.0	ug/L	100		99	75-125			
Carbon Tetrachloride	51.8	0.50	ug/L	50		104	75-125			
Chloroform (Trichloromethane)	107	1.0	ug/L	100		107	75-125			
cis-1,2-Dichloroethylene (c-1,2-DCE)	50.1	0.50	ug/L	50		100	75-125			
cis-1,3-Dichloropropene	47.1	0.50	ug/L	50		94	75-125			
Dibromochloromethane	100	1.0	ug/L	100		100	75-125			
Dichloromethane (Methylene Chloride)	48.8	0.50	ug/L	50		98	75-125			
Ethyl Benzene	47.4	0.50	ug/L	50		95	75-125			
m,p-Xylene	105	1.0	ug/L	100		105	75-125			
Methyl tert-Butyl Ether	45.5	3.0	ug/L	50		91	75-125			
o-Xylene	52.8	0.50	ug/L	50		106	75-125			
Styrene	52.1	0.50	ug/L	50		104	75-125			
Tetrachloroethylene (PCE)	42.3	0.50	ug/L	50		85	75-125			
Toluene	48.3	0.50	ug/L	50		97	75-125			
trans-1,2-Dichloroethylene (t-1,2-DCE)	49.6	0.50	ug/L	50		99	75-125			
trans-1,3-Dichloropropene	43.8	0.50	ug/L	50		88	75-125			
Trichloroethylene (TCE)	52.7	0.50	ug/L	50		105	75-125			
Trichlorofluoromethane (FREON 11)	46.7	5.0	ug/L	50		93	75-125			
Vinyl Chloride (VC)	46.8	0.50	ug/L	50		94	75-125			
Surrogate: 1,2-Dichlorobenzene-d4	1.0		ug/L	1.0		100	50-150			
Surrogate: Bromofluorobenzene	1.0		ug/L	1.0		102	50-150			

Clinical Laboratory of San Bernardino, Inc.



EnviroMatrix Analytical, Inc.

4340 Viewridge., Ste. A
San Diego CA. 92123

Project: Drinking Water

Sub Project: 12J0701

Project Manager: Louis Luick

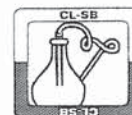
Work Order: 12J1882

Received: 10/25/12 11:00

Reported: 11/13/12

ND Analyte NOT DETECTED at or above the reporting limit

Clinical Laboratory of San Bernardino, Inc.



15 November 2012

Clinical Lab No.: 12J1882

Louis Luick
EnviroMatrix Analytical, Inc.
4340 Viewridge., Ste. A
San Diego, CA 92123

Project Name: Drinking Water
Sub Project: 12J0701

Enclosed are the results of the analyses for samples received at the laboratory on 10/25/12. Samples were received within temperature range, in correct containers and preservation.

Analyses were performed pursuant to client's chain of custody, within hold times, utilizing EPA or other ELAP approved methodologies.

I certify that the results are within compliance both technically and for completeness. Analytical results are attached to this letter. Please call if any additional information and or assistance are needed.

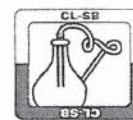
Thank you for choosing Clinical Laboratory of San Bernardino for your analytical needs.

Sincerely,

A handwritten signature in cursive script, reading 'Stephen Kavousy'.

Stephen Kavousy
Project Manager

Clinical Laboratory of San Bernardino, Inc.


EnviroMatrix Analytical, Inc.

4340 Viewridge., Ste. A
San Diego CA, 92123

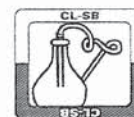
Project: Drinking Water
Sub Project: 12J0701
Project Manager: Louis Luick

Work Order: 12J1882
Received: 10/25/12 11:00
Reported: 11/15/12

Well B
12J1882-01 (Water)
Sample Date: 10/24/12 11:00 **Sampler:** Not Listed

Analyte	Method	Result	Units	Rep. Limit	MCL	Prepared	Analyzed	Batch	Qualifier
Volatile Organic Analyses									
Vinyl Chloride (VC)	EPA 524.2	ND	ug/L	0.50	0.5	10/24/12	10/26/12	1243245	
Trichlorofluoromethane (FREON 11)	EPA 524.2	ND	ug/L	5.0	150	10/24/12	10/26/12	1243245	
1,1-Dichloroethylene (1,1-DCE)	EPA 524.2	ND	ug/L	0.50	6	10/24/12	10/26/12	1243245	
1,1,2-Trichloro-1,2,2-trifluoroethane	EPA 524.2	ND	ug/L	10	1200	10/24/12	10/26/12	1243245	
Dichloromethane (Methylene Chloride)	EPA 524.2	ND	ug/L	0.50	5	10/24/12	10/26/12	1243245	
trans-1,2-Dichloroethylene (t-1,2-DCE)	EPA 524.2	ND	ug/L	0.50	10	10/24/12	10/26/12	1243245	
Methyl tert-Butyl Ether	EPA 524.2	ND	ug/L	3.0	13	10/24/12	10/26/12	1243245	
1,1-Dichloroethane (1,1-DCA)	EPA 524.2	ND	ug/L	0.50	5	10/24/12	10/26/12	1243245	
cis-1,2-Dichloroethylene (c-1,2-DCE)	EPA 524.2	ND	ug/L	0.50	6	10/24/12	10/26/12	1243245	
Chloroform (Trichloromethane)	EPA 524.2	ND	ug/L	1.0		10/24/12	10/26/12	1243245	
Carbon Tetrachloride	EPA 524.2	ND	ug/L	0.50	0.5	10/24/12	10/26/12	1243245	
1,1,1-Trichloroethane (1,1,1-TCA)	EPA 524.2	ND	ug/L	0.50	200	10/24/12	10/26/12	1243245	
Benzene	EPA 524.2	ND	ug/L	0.50	1	10/24/12	10/26/12	1243245	
1,2-Dichloroethane (1,2-DCA)	EPA 524.2	ND	ug/L	0.50	0.5	10/24/12	10/26/12	1243245	
Trichloroethylene (TCE)	EPA 524.2	ND	ug/L	0.50	5	10/24/12	10/26/12	1243245	
1,2-Dichloropropane	EPA 524.2	ND	ug/L	0.50	5	10/24/12	10/26/12	1243245	
Bromodichloromethane	EPA 524.2	ND	ug/L	1.0		10/24/12	10/26/12	1243245	
Toluene	EPA 524.2	0.60	ug/L	0.50	150	10/24/12	10/26/12	1243245	
Tetrachloroethylene (PCE)	EPA 524.2	ND	ug/L	0.50	5	10/24/12	10/26/12	1243245	
1,1,2-Trichloroethane (1,1,2-TCA)	EPA 524.2	ND	ug/L	0.50	5	10/24/12	10/26/12	1243245	
Dibromochloromethane	EPA 524.2	ND	ug/L	1.0		10/24/12	10/26/12	1243245	
Monochlorobenzene (Chlorobenzene)	EPA 524.2	ND	ug/L	0.50	70	10/24/12	10/26/12	1243245	
Ethyl Benzene	EPA 524.2	ND	ug/L	0.50	300	10/24/12	10/26/12	1243245	
cis-1,3-Dichloropropene	EPA 524.2	ND	ug/L	0.50		10/24/12	10/26/12	1243245	
m,p-Xylene	EPA 524.2	ND	ug/L	1.0		10/24/12	10/26/12	1243245	
trans-1,3-Dichloropropene	EPA 524.2	ND	ug/L	0.50		10/24/12	10/26/12	1243245	
o-Xylene	EPA 524.2	ND	ug/L	0.50		10/24/12	10/26/12	1243245	
Styrene	EPA 524.2	ND	ug/L	0.50	100	10/24/12	10/26/12	1243245	
Bromoform	EPA 524.2	ND	ug/L	1.0		10/24/12	10/26/12	1243245	
1,1,2,2-Tetrachloroethane	EPA 524.2	ND	ug/L	0.50		10/24/12	10/26/12	1243245	
1,4-Dichlorobenzene (p-DCB)	EPA 524.2	ND	ug/L	0.50	5	10/24/12	10/26/12	1243245	
1,2-Dichlorobenzene (o-DCB)	EPA 524.2	ND	ug/L	0.50	600	10/24/12	10/26/12	1243245	
1,2,4-Trichlorobenzene	EPA 524.2	ND	ug/L	0.50	5	10/24/12	10/26/12	1243245	
Total 1,3-Dichloropropene	EPA 524.2	ND	ug/L	0.50	0.5	10/24/12	10/26/12	1243245	
Total Trihalomethanes (TTHM)	EPA 524.2	ND	ug/L	1.0	80	10/24/12	10/26/12	1243245	
Total Xylenes (m,p & o)	EPA 524.2	ND	ug/L	0.50	1750	10/24/12	10/26/12	1243245	
Surrogate: 1,2-Dichlorobenzene-d4	EPA 524.2	104 %				10 24 12	10 26 12	1243245	
Surrogate: Bromofluorobenzene	EPA 524.2	98 %				10 24 12	10 26 12	1243245	

Clinical Laboratory of San Bernardino, Inc.



EnviroMatrix Analytical, Inc.

4340 Viewridge, Ste. A
San Diego CA. 92123

Project: Drinking Water

Sub Project: 12J0701

Project Manager: Louis Luick

Work Order: 12J1882

Received: 10/25/12 11:00

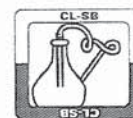
Reported: 11/15/12

Volatile Organic Analyses - Quality Control

Clinical Laboratory of San Bernardino

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1243245										
Blank (1243245-BLK1)				Prepared & Analyzed: 10/24/12						
1,1,1-Trichloroethane (1,1,1-TCA)	ND	0.50	ug/L							
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L							
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	10	ug/L							
1,1,2-Trichloroethane (1,1,2-TCA)	ND	0.50	ug/L							
1,1-Dichloroethane (1,1-DCA)	ND	0.50	ug/L							
1,1-Dichloroethylene (1,1-DCE)	ND	0.50	ug/L							
1,2,4-Trichlorobenzene	ND	0.50	ug/L							
1,2-Dichlorobenzene (o-DCB)	ND	0.50	ug/L							
1,2-Dichloroethane (1,2-DCA)	ND	0.50	ug/L							
1,2-Dichloropropane	ND	0.50	ug/L							
1,4-Dichlorobenzene (p-DCB)	ND	0.50	ug/L							
Benzene	ND	0.50	ug/L							
Bromodichloromethane	ND	1.0	ug/L							
Bromoform	ND	1.0	ug/L							
Carbon Tetrachloride	ND	0.50	ug/L							
Chloroform (Trichloromethane)	ND	1.0	ug/L							
cis-1,2-Dichloroethylene (c-1,2-DCE)	ND	0.50	ug/L							
cis-1,3-Dichloropropene	ND	0.50	ug/L							
Dibromochloromethane	ND	1.0	ug/L							
Dichloromethane (Methylene Chloride)	ND	0.50	ug/L							
Ethyl Benzene	ND	0.50	ug/L							
m,p-Xylene	ND	1.0	ug/L							
Methyl tert-Butyl Ether	ND	3.0	ug/L							
Monochlorobenzene (Chlorobenzene)	ND	0.50	ug/L							
o-Xylene	ND	0.50	ug/L							
Styrene	ND	0.50	ug/L							
Tetrachloroethylene (PCE)	ND	0.50	ug/L							
Toluene	ND	0.50	ug/L							
trans-1,2-Dichloroethylene (t-1,2-DCE)	ND	0.50	ug/L							
trans-1,3-Dichloropropene	ND	0.50	ug/L							
Trichloroethylene (TCE)	ND	0.50	ug/L							
Trichlorofluoromethane (FREON 11)	ND	5.0	ug/L							
Vinyl Chloride (VC)	ND	0.50	ug/L							
Surrogate: 1,2-Dichlorobenzene-d4	0.90		ug/L	1.0		90	50-150			

Clinical Laboratory of San Bernardino, Inc.



EnviroMatrix Analytical, Inc.

4340 Viewridge, Ste. A
San Diego CA, 92123

Project: Drinking Water

Sub Project: 12J0701

Project Manager: Louis Luick

Work Order: 12J1882

Received: 10/25/12 11:00

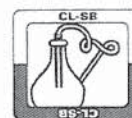
Reported: 11/15/12

Volatile Organic Analyses - Quality Control

Clinical Laboratory of San Bernardino

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1243245										
Blank (1243245-BLK1)										
Prepared & Analyzed: 10/24/12										
Surrogate: Bromofluorobenzene	1.0		ug/L	1.0		104	50-150			
LCS (1243245-BS1)										
Prepared & Analyzed: 10/24/12										
1,1,1-Trichloroethane (1,1,1-TCA)	5.06	0.50	ug/L	5.0		101	75-125			
1,1,2,2-Tetrachloroethane	6.07	0.50	ug/L	5.0		121	75-125			
1,1,2-Trichloro-1,2,2-trifluoroethane	5.06	10	ug/L	5.0		101	75-125			
1,1,2-Trichloroethane (1,1,2-TCA)	4.92	0.50	ug/L	5.0		98	75-125			
1,1-Dichloroethane (1,1-DCA)	4.82	0.50	ug/L	5.0		96	75-125			
1,1-Dichloroethylene (1,1-DCE)	4.39	0.50	ug/L	5.0		88	75-125			
1,2,4-Trichlorobenzene	4.22	0.50	ug/L	5.0		84	75-125			
1,2-Dichlorobenzene (o-DCB)	4.66	0.50	ug/L	5.0		93	75-125			
1,2-Dichloroethane (1,2-DCA)	4.50	0.50	ug/L	5.0		90	75-125			
1,2-Dichloropropane	5.27	0.50	ug/L	5.0		105	75-125			
1,4-Dichlorobenzene (p-DCB)	4.67	0.50	ug/L	5.0		93	75-125			
Benzene	4.74	0.50	ug/L	5.0		95	75-125			
Bromodichloromethane	9.58	1.0	ug/L	10		96	75-125			
Bromoform	9.61	1.0	ug/L	10		96	75-125			
Carbon Tetrachloride	4.57	0.50	ug/L	5.0		91	75-125			
Chloroform (Trichloromethane)	9.62	1.0	ug/L	10		96	75-125			
cis-1,2-Dichloroethylene (c-1,2-DCE)	4.12	0.50	ug/L	5.0		82	75-125			
cis-1,3-Dichloropropene	4.56	0.50	ug/L	5.0		91	75-125			
Dibromochloromethane	9.48	1.0	ug/L	10		95	75-125			
Dichloromethane (Methylene Chloride)	4.67	0.50	ug/L	5.0		93	75-125			
Ethyl Benzene	5.78	0.50	ug/L	5.0		116	75-125			
m,p-Xylene	10.1	1.0	ug/L	10		101	75-125			
Methyl tert-Butyl Ether	4.19	5.0	ug/L	5.0		84	75-125			
Monochlorobenzene (Chlorobenzene)	5.26	0.50	ug/L	5.0		105	75-125			
o-Xylene	4.71	0.50	ug/L	5.0		94	75-125			
Styrene	4.23	0.50	ug/L	5.0		85	75-125			
Tetrachloroethylene (PCE)	4.31	0.50	ug/L	5.0		86	75-125			
Toluene	4.50	0.50	ug/L	5.0		90	75-125			
trans-1,2-Dichloroethylene (t-1,2-DCE)	4.30	0.50	ug/L	5.0		86	75-125			
trans-1,3-Dichloropropene	4.44	0.50	ug/L	5.0		89	75-125			
Trichloroethylene (TCE)	4.53	0.50	ug/L	5.0		91	75-125			
Trichlorofluoromethane (FREON 11)	4.70	5.0	ug/L	5.0		94	75-125			
Vinyl Chloride (VC)	4.40	0.50	ug/L	5.0		88	75-125			
Surrogate: 1,2-Dichlorobenzene-d4	1.2		ug/L	1.0		119	50-150			

Clinical Laboratory of San Bernardino, Inc.



EnviroMatrix Analytical, Inc.

4340 Viewridge., Ste. A
San Diego CA, 92123

Project: Drinking Water

Sub Project: 12J0701

Project Manager: Louis Luick

Work Order: 12J1882

Received: 10/25/12 11:00

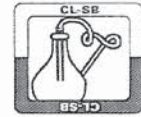
Reported: 11/15/12

Volatile Organic Analyses - Quality Control

Clinical Laboratory of San Bernardino

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1243245										
LCS (1243245-BS1)					Prepared & Analyzed: 10/24/12					
Surrogate: Bromofluorobenzene	1.0		ug/L	1.0		100	50-150			
LCS (1243245-BS2)					Prepared: 10/24/12 Analyzed: 10/25/12					
1,1,1-Trichloroethane (1,1,1-TCA)	5.29	0.50	ug/L	5.0		106	75-125			
1,1,2,2-Tetrachloroethane	5.64	0.50	ug/L	5.0		113	75-125			
1,1,2-Trichloro-1,2,2-trifluoroethane	4.80	10	ug/L	5.0		96	75-125			
1,1,2-Trichloroethane (1,1,2-TCA)	5.14	0.50	ug/L	5.0		103	75-125			
1,1-Dichloroethane (1,1-DCA)	5.22	0.50	ug/L	5.0		104	75-125			
1,1-Dichloroethylene (1,1-DCE)	4.25	0.50	ug/L	5.0		85	75-125			
1,2,4-Trichlorobenzene	4.99	0.50	ug/L	5.0		100	75-125			
1,2-Dichlorobenzene (o-DCB)	5.01	0.50	ug/L	5.0		100	75-125			
1,2-Dichloroethane (1,2-DCA)	4.73	0.50	ug/L	5.0		95	75-125			
1,2-Dichloropropane	5.24	0.50	ug/L	5.0		105	75-125			
1,4-Dichlorobenzene (p-DCB)	5.08	0.50	ug/L	5.0		102	75-125			
Benzene	4.87	0.50	ug/L	5.0		97	75-125			
Bromodichloromethane	9.75	1.0	ug/L	10		98	75-125			
Bromoform	9.06	1.0	ug/L	10		91	75-125			
Carbon Tetrachloride	4.74	0.50	ug/L	5.0		95	75-125			
Chloroform (Trichloromethane)	10.4	1.0	ug/L	10		104	75-125			
cis-1,2-Dichloroethylene (c-1,2-DCE)	4.51	0.50	ug/L	5.0		90	75-125			
cis-1,3-Dichloropropene	4.28	0.50	ug/L	5.0		86	75-125			
Dibromochloromethane	9.36	1.0	ug/L	10		94	75-125			
Dichloromethane (Methylene Chloride)	4.71	0.50	ug/L	5.0		94	75-125			
Ethyl Benzene	6.01	0.50	ug/L	5.0		120	75-125			
m,p-Xylene	10.1	1.0	ug/L	10		101	75-125			
Methyl tert-Butyl Ether	4.43	3.0	ug/L	5.0		89	75-125			
Monochlorobenzene (Chlorobenzene)	5.30	0.50	ug/L	5.0		106	75-125			
o-Xylene	5.03	0.50	ug/L	5.0		101	75-125			
Styrene	4.34	0.50	ug/L	5.0		87	75-125			
Tetrachloroethylene (PCE)	4.86	0.50	ug/L	5.0		97	75-125			
Toluene	4.86	0.50	ug/L	5.0		97	75-125			
trans-1,2-Dichloroethylene (t-1,2-DCE)	4.52	0.50	ug/L	5.0		90	75-125			
trans-1,3-Dichloropropene	4.23	0.50	ug/L	5.0		85	75-125			
Trichloroethylene (TCE)	4.74	0.50	ug/L	5.0		95	75-125			
Trichlorofluoromethane (FREON 11)	4.66	5.0	ug/L	5.0		93	75-125			
Vinyl Chloride (VC)	4.30	0.50	ug/L	5.0		86	75-125			
Surrogate: 1,2-Dichlorobenzene-d4	1.0		ug/L	1.0		103	50-150			

Clinical Laboratory of San Bernardino, Inc.



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Project: Drinking Water
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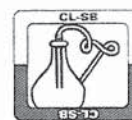
Work Order: 12J1882
Received: 10/25/12 11:00
Reported: 11/15/12

Volatile Organic Analyses - Quality Control

Clinical Laboratory of San Bernardino

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1243245										
LCS (1243245-BS2)										
Prepared: 10/24/12 Analyzed: 10/25/12										
Surrogate: Bromofluorobenzene	1.0		ug/L	1.0		100	50-150			
LCS (1243245-BS3)										
Prepared: 10/24/12 Analyzed: 10/25/12										
1,1,1-Trichloroethane (1,1,1-TCA)	5.98	0.50	ug/L	5.0		120	75-125			
1,1,2,2-Tetrachloroethane	5.50	0.50	ug/L	5.0		110	75-125			
1,1,2-Trichloro-1,2,2-trifluoroethane	6.14	10	ug/L	5.0		123	75-125			
1,1,2-Trichloroethane (1,1,2-TCA)	5.53	0.50	ug/L	5.0		111	75-125			
1,1-Dichloroethane (1,1-DCA)	5.47	0.50	ug/L	5.0		109	75-125			
1,1-Dichloroethylene (1,1-DCE)	4.98	0.50	ug/L	5.0		100	75-125			
1,2,4-Trichlorobenzene	4.77	0.50	ug/L	5.0		95	75-125			
1,2-Dichlorobenzene (o-DCB)	5.24	0.50	ug/L	5.0		105	75-125			
1,2-Dichloroethane (1,2-DCA)	5.03	0.50	ug/L	5.0		101	75-125			
1,2-Dichloropropane	5.91	0.50	ug/L	5.0		118	75-125			
1,4-Dichlorobenzene (p-DCB)	5.16	0.50	ug/L	5.0		103	75-125			
Benzene	5.35	0.50	ug/L	5.0		107	75-125			
Bromodichloromethane	9.92	1.0	ug/L	10		99	75-125			
Bromoform	9.62	1.0	ug/L	10		96	75-125			
Carbon Tetrachloride	5.41	0.50	ug/L	5.0		108	75-125			
Chloroform (Trichloromethane)	11.2	1.0	ug/L	10		112	75-125			
cis-1,2-Dichloroethylene (c-1,2-DCE)	4.77	0.50	ug/L	5.0		95	75-125			
cis-1,3-Dichloropropene	5.08	0.50	ug/L	5.0		102	75-125			
Dibromochloromethane	10.1	1.0	ug/L	10		101	75-125			
Dichloromethane (Methylene Chloride)	5.56	0.50	ug/L	5.0		111	75-125			
Ethyl Benzene	5.31	0.50	ug/L	5.0		106	75-125			
m,p-Xylene	12.1	1.0	ug/L	10		121	75-125			
Methyl tert-Butyl Ether	4.94	3.0	ug/L	5.0		99	75-125			
Monochlorobenzene (Chlorobenzene)	6.03	0.50	ug/L	5.0		121	75-125			
o-Xylene	5.23	0.50	ug/L	5.0		105	75-125			
Styrene	5.17	0.50	ug/L	5.0		103	75-125			
Tetrachloroethylene (PCE)	4.42	0.50	ug/L	5.0		88	75-125			
Toluene	5.36	0.50	ug/L	5.0		107	75-125			
trans-1,2-Dichloroethylene (t-1,2-DCE)	5.08	0.50	ug/L	5.0		102	75-125			
trans-1,3-Dichloropropene	5.13	0.50	ug/L	5.0		103	75-125			
Trichloroethylene (TCE)	5.02	0.50	ug/L	5.0		100	75-125			
Trichlorofluoromethane (FREON 11)	5.67	5.0	ug/L	5.0		113	75-125			
Vinyl Chloride (VC)	4.91	0.50	ug/L	5.0		98	75-125			
Surrogate: 1,2-Dichlorobenzene-d4	1.1		ug/L	1.0		111	50-150			

Clinical Laboratory of San Bernardino, Inc.



EnviroMatrix Analytical, Inc.

4340 Viewridge., Ste. A

San Diego CA, 92123

Project: Drinking Water

Sub Project: 12J0701

Project Manager: Louis Luick

Work Order: 12J1882

Received: 10/25/12 11:00

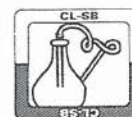
Reported: 11/15/12

Volatile Organic Analyses - Quality Control

Clinical Laboratory of San Bernardino

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
Batch 1243245									
LCS (1243245-BS3)					Prepared: 10/24/12 Analyzed: 10/25/12				
Surrogate: Bromofluorobenzene	1.1		ug/L	1.0		110	50-150		
LCS (1243245-BS4)					Prepared: 10/24/12 Analyzed: 10/26/12				
1,1,1-Trichloroethane (1,1,1-TCA)	52.9	0.50	ug/L	50		106	75-125		
1,1,2,2-Tetrachloroethane	46.5	0.50	ug/L	50		93	75-125		
1,1,2-Trichloro-1,2,2-trifluoroethane	52.8	10	ug/L	50		106	75-125		
1,1,2-Trichloroethane (1,1,2-TCA)	51.5	0.50	ug/L	50		103	75-125		
1,1-Dichloroethane (1,1-DCA)	52.0	0.50	ug/L	50		104	75-125		
1,1-Dichloroethylene (1,1-DCE)	46.4	0.50	ug/L	50		93	75-125		
1,2,4-Trichlorobenzene	46.8	0.50	ug/L	50		94	75-125		
1,2-Dichlorobenzene (o-DCB)	49.7	0.50	ug/L	50		99	75-125		
1,2-Dichloroethane (1,2-DCA)	50.4	0.50	ug/L	50		101	75-125		
1,2-Dichloropropane	53.9	0.50	ug/L	50		108	75-125		
1,4-Dichlorobenzene (p-DCB)	52.8	0.50	ug/L	50		106	75-125		
Benzene	50.8	0.50	ug/L	50		102	75-125		
Bromodichloromethane	107	1.0	ug/L	100		107	75-125		
Bromoform	99.2	1.0	ug/L	100		99	75-125		
Carbon Tetrachloride	51.8	0.50	ug/L	50		104	75-125		
Chloroform (Trichloromethane)	107	1.0	ug/L	100		107	75-125		
cis-1,2-Dichloroethylene (c-1,2-DCE)	50.1	0.50	ug/L	50		100	75-125		
cis-1,3-Dichloropropene	47.1	0.50	ug/L	50		94	75-125		
Dibromochloromethane	100	1.0	ug/L	100		100	75-125		
Dichloromethane (Methylene Chloride)	48.8	0.50	ug/L	50		98	75-125		
Ethyl Benzene	47.4	0.50	ug/L	50		95	75-125		
m,p-Xylene	105	1.0	ug/L	100		105	75-125		
Methyl tert-Butyl Ether	45.5	3.0	ug/L	50		91	75-125		
o-Xylene	52.8	0.50	ug/L	50		106	75-125		
Styrene	52.1	0.50	ug/L	50		104	75-125		
Tetrachloroethylene (PCE)	42.3	0.50	ug/L	50		85	75-125		
Toluene	48.3	0.50	ug/L	50		97	75-125		
trans-1,2-Dichloroethylene (t-1,2-DCE)	49.6	0.50	ug/L	50		99	75-125		
trans-1,3-Dichloropropene	43.8	0.50	ug/L	50		88	75-125		
Trichloroethylene (TCE)	52.7	0.50	ug/L	50		105	75-125		
Trichlorofluoromethane (FREON 11)	46.7	5.0	ug/L	50		93	75-125		
Vinyl Chloride (VC)	46.8	0.50	ug/L	50		94	75-125		
Surrogate: 1,2-Dichlorobenzene-d4	1.0		ug/L	1.0		100	50-150		
Surrogate: Bromofluorobenzene	1.0		ug/L	1.0		102	50-150		

Clinical Laboratory of San Bernardino, Inc.



EnviroMatrix Analytical, Inc.

4340 Viewridge., Ste. A
San Diego CA, 92123

Project: Drinking Water

Sub Project: 12J0701

Project Manager: Louis Luick

Work Order: 12J1882

Received: 10/25/12 11:00

Reported: 11/15/12

ND Analyte NOT DETECTED at or above the reporting limit

SUBCONTRACT ORDER
EnviroMatrix Analytical, Inc.
12J0701

12J1882

SENDING LABORATORY:

EnviroMatrix Analytical, Inc.
4340 Viewridge Ave., Ste. A
San Diego, CA 92123
Phone: (858) 560-7717
Fax: (858) 560-7763
Project Manager: Michael Giangiorano

RECEIVING LABORATORY:

Clinical Lab of San Bernardino
21881 Barton Rd
Grand Terrace, CA 92313
Phone: (909) 825-7693
Fax: (909) 825-7696

PLEASE SEND REPORTS TO:
jbeyer@enviromatrixinc.com;
lluick@enviromatrixinc.com;
reports@enviromatrixinc.com.
Use comments as sample ID on report.

STND

Analysis	Due	Expires	Laboratory ID	Comments
Sample ID: 12J0701-01	Water	Sampled: 10/24/12 11:00		
Uranium	11/02/12 16:00	04/22/13 11:00		Well B
Gross alpha	11/02/12 16:00	04/22/13 11:00		Well B
EPA 524.2 THMs Only	11/02/12 16:00	11/07/12 11:00		Well B
Containers Supplied:				
Voa Vial - Na2S2O3 (A) Voa Vial - Na2S2O3 (B) 1L Poly - Unpres (C) 1L Poly - Unpres (D)				

DAVID
Da Nguyen 10/24/12

Released By

Date

Received By

Date

Released By

Date

Received By

Date

10-25-12 11:00 5-22

—EnviroMatrix

Page of

4340 Viewridge Ave., Ste. A - San Diego, CA 92123 - Phone (858) 560-7717 - Fax (858) 560-7763

EMALOG#: 1250701 Client: DUDER Attn: Trey Driscoll Samplers(s): Pat Rantz Address: 605 Third Street City/State/Zip: Encinitas CA 92024 Phone: 760-815-0143 Fax: Email: tdriscoll@duderk.com Billing Address:				Requested Analysis ☐ BOD ☐ COD ☐ Cyanide ☐ Heterotrophic Plate Count (HPC) ☐ Enterococcus, ☐ MTF ☐ Enterolent ☐ Coliform, ☐ Total (MTF) ☐ Fecal (MTF) ☐ Cd ☐ Cr ☐ Cu ☐ Pb ☐ Ni ☐ Ag ☐ Zn ☐ Dissolved ☐ TCLP (RCRA) ☐ Metals ☐ Organics ☐ CAC Title 22/CAM17 Metals ☐ TLC ☐ STLC ☐ Nitrate ☐ Nitrite ☐ TKN ☐ NH3 ☐ pH ☐ EC ☐ TSS ☐ TDS ☐ TBT (Organotin Compounds) ☐ 8141 (Organophosphorus Pesticides) ☐ 608 / 8082 (Polychlorinated Biphenyls) ☐ 608 / 8081 (Organochlorine Pesticides) ☐ 625 / 8270 (SVOC) ☐ PAH only ☐ 624/8260 (VOC) Full BTXE MTBE Oxy Nap ☐ 8015 (TPH) ☐ Gas ☐ Diesel ☐ Ext ☐ Oil & Grease ☐ 413.1 ☐ 413.2 ☐ 1664			
Project ID: 7123 Well B Project #: 7123				PO #:			
Client Sample ID Well B				Sample Date 10/24/12			
Sample Time 1:00				Sample Matrix W			
Container # / Type 10							
ID #				DATE/TIME			
RELINQUISHED BY Signature: [Signature] Print: Pat Rantz Company: DUDER				RECEIVED BY Signature: [Signature] Print: DAVID NGUYEN Company: ENA			
Shipping By: ☐ Courier ☐ UPS ☐ FedEx ☐ USPS ☐ Client Drop Off ☐ Other				Turn-Around-Time: ☐ Same Day ☐ 1 day ☐ 2 day ☐ 3 day ☐ 4 day ☐ 5 day ☐ 7 day			
Reporting Requirements: ☐ Fax ☐ PDF ☐ Excel ☐ Geotracker/EDF ☐ Hard Copy ☐ EDT				Sample Disposal: ☐ By Laboratory ☐ Return to Client: PUJ or Delivery ☐ Archive			
Sample Integrity Correct Containers: Yes No N/A Custody Seals Intact: Yes No N/A COC/Labels Agree: Yes No N/A				Containers Properly Preserved: Yes No N/A Temp @ Receipt: _____ Sampled By: Client EMA Autosampler			
Project/Sample Comments: Please see attached sheets for requested analysis. 150C on Fu see ATTACHED.							

Additional costs may apply. Please note there is a \$35 minimum charge for all clients.

EMA reserves the right to return any samples that do not match our waste profile.

NOTE: By relinquishing samples to EMA, Inc., client agrees to pay for the services requested on this COC form and any additional analyses performed on this project. Payment for services is due within 30 days from date of invoice. Samples will be disposed of 7 days after report has been finalized unless otherwise noted. All work is subject to EMA's terms and conditions.

See water quality sample list as follows:

I will stop by this afternoon to pick up bottle kit and cooler. Thank you. Cations Total Hardness

Calcium Magnesium Sodium Potassium Total Cations

Anions

Total Alkalinity

Hydroxide

Carbonate

Bicarbonate

Chloride

Sulfate

Fluoride

Nitrate

~~Total Anions~~

Aggregate Properties

pH

Specific Conductance

Solids

Total Dissolved Solids

1L Poly $\emptyset$
~~500 mL poly $\emptyset$~~

General Physical

Color

Odor

Turbidity

~~500 mL poly $\emptyset$~~
Glass Jar

Nutrients

Nitrite as N 500 mL poly $\emptyset$

Metals and Metalloids

Aluminum

Antimony

Arsenic

Barium

Beryllium

Cadmium

Total Chromium

Copper

Iron

Lead

Manganese

Mercury

Nickel

Selenium

Silver

Thallium

Zinc

VOCs - 2 vials HCL

Radiochemistry

Gross Alpha - 1L poly $\emptyset$

Uranium - 1L poly $\emptyset$

1250701

Bacteriological
Total Coliform (Presence/Absence)
Fecal/E Coli

Cheers,

Trey

TREY DRISCOLL, PG, CHG

PROJECT MANAGER/ HYDROGEOLOGIST

DUDEK

ENGINEERING + ENVIRONMENTAL

605 THIRD STREET

ENCINITAS, CALIFORNIA 92024

T 760.479.4154 F 760.942.5206 C 760.415.1425

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